

Purchasing Receipts

PO No	Supplier Item No	Line Rel Item No	Rel Terms	Purchased Item	Description	For Part No	Project	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name	
PO040793	MES002-VC	1	1 Net 30	M304B0.250x0.500	304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft				204	8/27/2018	220		S107464	Stock	8/31/2018	\$ 4.05 / ft	0	\$889.84	Metaux Solutions		
		2		M4130NB0.500X0.3000	4130 Bar 0.500 X 3.00 MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528 40 PCS CUT TO SIZE 14""				47		47		S107465	Stock	8/31/2018	\$ 30.75 / ft	0	\$1,435.20	Metaux Solutions		
		3		M304TS0.750W.049	304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				600		600		S107466	Stock	8/31/2018	\$ 3.80 / ft	0	\$2,280.00	Metaux Solutions		
		4		M304TS0.750W.065	304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft				600		600		S107467	Stock	8/31/2018	\$ 3.25 / ft	0	\$1,950.00	Metaux Solutions		
																			\$5,041.95		
																		Total:	1,451	1,466	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO040793

Supplier: MES002-VC
Metaux Solutions
2625 boul Jacques-Cartier Est
Longueuil
QC
J4N 1L7 Canada
Phone: 800 558 8858
Fax: 514 633 8044

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO040793
PO Date: 8/21/18
Due Date: 8/27/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal Phone:
clavoie@dartaero.com

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

REVISED \$.

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M304B0.250x0.500		304 Bar .250 X .500 : MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE AS PER ASTM A276 OR ASTM A240 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	8/27/18	204 ft	219.62 ft	204 ft	\$4.0521/ft	\$826.63 AUG 31 2018
2		M4130NB0.500X03.000		4130 Bar 0.500 X 3.00 MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528 40 PCS CUT TO SIZE 14"	Firmed	-	8/27/18	46.667 ft	46.667 ft	47 ft	\$30.75214/ft	\$1,435.11 AUG 31 2018
3		M304TS0.750W.049		304 Sq Tube .75X.75X.049W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	-	8/27/18	600 ft	600 ft	600 ft	\$3.80/ft	\$2,280.00 AUG 31 2018

Items												
Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4		M304TS0.750W.065		304 Sq Tube .75X.75X.065W : MATERIAL: AISI 304/316 SEAMLESS STAINLESS STEEL SQUARE TUBING AS PER ASTM A554 MILL FINISH OR ASTM A269 MILL FINISH receive ft	Firmed	-	8/27/18	600 ft	0 ft <i>600 ft</i>	600 ft	\$3.25/ft	\$1,950.00
Grand Total: \$6,491.74												

Order Notes

Procurement Quality Clauses

- A005 right of entry
- A012 chemical and physical test report
- A016 personnel qualification
- A017 raw material identification (as applicable)
- A026 certification of material conformance
- A041 quality management system
- A042 part notification by supplier
- A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dart aerospace.com for further explanation.

CL

Plex 8/22/18 12:19 PM dart.lavoie.chantal

Shipping Order 30/08/2018

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7 Tel. : 450 641-3330

Order : 137643
Reference : PO040793
Ship : PICK UP / PICK UP

Customer : 6323336

Ship To

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Same

Tel. : 1 613 632-3336

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Qty. Delivered</i>	<i>B/O Qty</i>
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124HR	304 STAIN FLA .25" X .500" HR 17 LONG DE 12 PIEDS R/L HT # 67736108 AT	221	221	0
MP124130N	4130 NORM PLATE .500 THICK AMS 6345 40 PCES 3" X 14" HT # 1961550 AT	11.66	11.66	0
SSQT34340494	304 SQ TUBE .750 X .049 WALL 30 X 20' HT # 9H855 AT	600	600	0
SSQT34340654MF	304 MILL FINISHED TUBING 3/4" X 3/4" X .065 WALL 30 X 20' HT # VLGS03102 AT	600	600	0

SHIP JOURNEY COLLECT

Shipping : _____
Package No : _____
Merchandise Received : _____

Ref. : _____

<p>Bollinghaus Steel, SA DIN EN ISO 9001:2008 TÜV CERT No. 01 100 030458</p>		<p>Abschlußprüfzeugnis/Mill Test Certificate/Certif. de Qualidade EN 10204:2004 / 3.1</p>		<p>No.: / Nr.: / Nro.: 0000136628</p>																																																																																					
		<p>Unsere Innere Verweisung / Our Int. Ref./ N. ref Int 5800038278 000010</p>		<p>Datum / Date / Data 19.12.2017</p>																																																																																					
<p>Spezifikation / Standards / Normas TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A276/A276M-16a, ASTM A182/A182M-16a, ASTM A183/A183M-16, ASTM A479/A479M-16a, ASTM A320/A320M-15a, ASTM A314-15, ASTM A262-15 Pract. E, AMS QQ-S-78SD, AMS 5630J, AMS 5647K, ASME SA479/SA479M, ASME SA276, ASME SA182/182M, ASME SA 193/SA193M, ASME SA320/SA320M, NACE MR0175-2015, execution as per ASTM A484/A484M-16.</p>																																																																																									
<p>Kunde / Customer / Cliente</p>			<p>Endgültiger Kunde / Final Customer / Cliente Final</p>																																																																																						
<p>Bestell Nr./Order Nr./Enc.Nr. c110766</p>			<p>Bestell Nr./Order Nr./Enc.Nr. c110766,1</p>																																																																																						
<p>Produktgruppe / Product Group / Grupo Produto AISI 304L FLAT 1/4 X 1/2"</p>		<p>Gewicht / Weight / Peso 1.059 lb</p>		<p>Bunde / Bundle / Atados 01</p>																																																																																					
<p>Werkstoff-Nr. Material-nr. Qualitäts-Nr. 1.4307</p>		<p>Werkstoff-Normbezeichnung / Material standard grade / Norma do material X 2 CrNi 18-9</p>																																																																																							
<p>Beschreibung / Description / Descrição Stainless steel flat bars, hot rolled, heat treated, straightened and pickled US DAFR 250-225-7008; MELT SOURCE: France / MFG: Portugal.</p>																																																																																									
<table border="1"> <thead> <tr> <th colspan="12">Chemische Analyse in % / Chemical composition in % / Análise química em %</th> </tr> <tr> <th>Schnellzählnr. Cast nr. / Fusão nr. 67736108</th> <th>C</th> <th>0.018</th> <th>Si</th> <th>0.525</th> <th>Mn</th> <th>1.154</th> <th>P</th> <th>0.029</th> <th>S</th> <th>0.025</th> <th>Cr</th> <th>18.127</th> <th>Ni</th> <th>8.045</th> </tr> </thead> <tbody> <tr> <td>EAF+AOD</td> <td>Mo</td> <td>0.376</td> <td>Co</td> <td>0.117</td> <td>Cu</td> <td>0.406</td> <td>N</td> <td>0.080</td> <td>Ti</td> <td>0.002</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>						Chemische Analyse in % / Chemical composition in % / Análise química em %												Schnellzählnr. Cast nr. / Fusão nr. 67736108	C	0.018	Si	0.525	Mn	1.154	P	0.029	S	0.025	Cr	18.127	Ni	8.045	EAF+AOD	Mo	0.376	Co	0.117	Cu	0.406	N	0.080	Ti	0.002	-	-	-																																											
Chemische Analyse in % / Chemical composition in % / Análise química em %																																																																																									
Schnellzählnr. Cast nr. / Fusão nr. 67736108	C	0.018	Si	0.525	Mn	1.154	P	0.029	S	0.025	Cr	18.127	Ni	8.045																																																																											
EAF+AOD	Mo	0.376	Co	0.117	Cu	0.406	N	0.080	Ti	0.002	-	-	-																																																																												
<table border="1"> <thead> <tr> <th colspan="12">ASTM E399</th> </tr> <tr> <th rowspan="3">Proben-Nr. Test no. Amostra nro. 4036951.01.01</th> <th colspan="3">Kettstichprüfung Impact Test Resiliencia (Charpy V)</th> <th colspan="3">Streckgrenze Yield point Tensão Límite Rp 0,2 %</th> <th colspan="3">Dehnungsgrenze 1% point Límite de extensão Rp 1,0%</th> <th colspan="3">Zugfestigkeit Tensile Strength: Tensão de tração Rm</th> <th colspan="3">Dehnung Elongation Alongamento A5</th> <th colspan="3">Blechdurchdringung Reduction of area Cont. Estrição Z</th> </tr> <tr> <th colspan="3">[J]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[%]</th> <th colspan="3">[%]</th> </tr> <tr> <th colspan="3">48</th> <th colspan="3">57</th> <th colspan="3">93</th> <th colspan="3">63.9</th> <th colspan="3">59.4</th> <th colspan="3">70.1</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>						ASTM E399												Proben-Nr. Test no. Amostra nro. 4036951.01.01	Kettstichprüfung Impact Test Resiliencia (Charpy V)			Streckgrenze Yield point Tensão Límite Rp 0,2 %			Dehnungsgrenze 1% point Límite de extensão Rp 1,0%			Zugfestigkeit Tensile Strength: Tensão de tração Rm			Dehnung Elongation Alongamento A5			Blechdurchdringung Reduction of area Cont. Estrição Z			[J]			[Ksi]			[Ksi]			[Ksi]			[%]			[%]			48			57			93			63.9			59.4			70.1																			
ASTM E399																																																																																									
Proben-Nr. Test no. Amostra nro. 4036951.01.01	Kettstichprüfung Impact Test Resiliencia (Charpy V)			Streckgrenze Yield point Tensão Límite Rp 0,2 %			Dehnungsgrenze 1% point Límite de extensão Rp 1,0%			Zugfestigkeit Tensile Strength: Tensão de tração Rm			Dehnung Elongation Alongamento A5			Blechdurchdringung Reduction of area Cont. Estrição Z																																																																									
	[J]			[Ksi]			[Ksi]			[Ksi]			[%]			[%]																																																																									
	48			57			93			63.9			59.4			70.1																																																																									
<table border="1"> <thead> <tr> <th colspan="12">ASTM A370</th> </tr> <tr> <th rowspan="2">Proben-Nr. Test no. Amostra nro. 4036951.01.01</th> <th colspan="3">Kettstichprüfung Impact Test Resiliencia (Charpy V)</th> <th colspan="3">Streckgrenze Yield point Tensão Límite Rp 0,2 %</th> <th colspan="3">Dehnungsgrenze 1% point Límite de extensão Rp 1,0%</th> <th colspan="3">Zugfestigkeit Tensile Strength: Tensão de tração Rm</th> <th colspan="3">Dehnung Elongation Alongamento A5</th> <th colspan="3">Blechdurchdringung Reduction of area Cont. Estrição Z</th> </tr> <tr> <th colspan="3">[J]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[Ksi]</th> <th colspan="3">[%]</th> <th colspan="3">[%]</th> </tr> <tr> <th colspan="3">48</th> <th colspan="3">57</th> <th colspan="3">93</th> <th colspan="3">63.9</th> <th colspan="3">59.4</th> <th colspan="3">70.1</th> </tr> </thead> <tbody> <tr> <td></td> </tr> </tbody> </table>						ASTM A370												Proben-Nr. Test no. Amostra nro. 4036951.01.01	Kettstichprüfung Impact Test Resiliencia (Charpy V)			Streckgrenze Yield point Tensão Límite Rp 0,2 %			Dehnungsgrenze 1% point Límite de extensão Rp 1,0%			Zugfestigkeit Tensile Strength: Tensão de tração Rm			Dehnung Elongation Alongamento A5			Blechdurchdringung Reduction of area Cont. Estrição Z			[J]			[Ksi]			[Ksi]			[Ksi]			[%]			[%]			48			57			93			63.9			59.4			70.1																			
ASTM A370																																																																																									
Proben-Nr. Test no. Amostra nro. 4036951.01.01	Kettstichprüfung Impact Test Resiliencia (Charpy V)			Streckgrenze Yield point Tensão Límite Rp 0,2 %			Dehnungsgrenze 1% point Límite de extensão Rp 1,0%			Zugfestigkeit Tensile Strength: Tensão de tração Rm			Dehnung Elongation Alongamento A5			Blechdurchdringung Reduction of area Cont. Estrição Z																																																																									
	[J]			[Ksi]			[Ksi]			[Ksi]			[%]			[%]																																																																									
48			57			93			63.9			59.4			70.1																																																																										
<table border="1"> <thead> <tr> <th colspan="2">Visuelle Kontrolle Visual inspection Inspeção visual</th> <th colspan="3">ASTM E10</th> <th colspan="3">ASTM A262 Practice E</th> <th colspan="3">Wärmebehandlung Heat treatment Tratamento térmico</th> </tr> <tr> <th colspan="2"><input checked="" type="checkbox"/> Ok</th> <th colspan="3">Härte Hardness Dureza [HB]</th> <th colspan="3">Korrosionsbeständigkeit IC Test Corrosion intercelularis OK</th> <th colspan="3">Abnahmetestbericht Authorized Inspection Representative Inspector de Qualidade 396</th> </tr> </thead> <tbody> <tr> <td colspan="2"><input checked="" type="checkbox"/> Maßkontrolle Dimensional inspection Inspeção dimensional</td> <td colspan="3">ASTM E112 Korngröße Grain size Tamanho de grão 9</td> <td colspan="3"></td> <td colspan="3"></td> <td colspan="3">Annealed Quenched 1900 °F (1050 °C) (water quenched)</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Verwechslungsprüfung Test of Identity Teste de identificação</td> <td colspan="3">Makroskopische Untersuchung Macrographic test Material free from segregation defects.</td> <td colspan="3"><input checked="" type="checkbox"/> OK</td> <td colspan="3">Vasco Fernira (Ω . VF)</td> <td colspan="3"></td> </tr> </tbody> </table>						Visuelle Kontrolle Visual inspection Inspeção visual		ASTM E10			ASTM A262 Practice E			Wärmebehandlung Heat treatment Tratamento térmico			<input checked="" type="checkbox"/> Ok		Härte Hardness Dureza [HB]			Korrosionsbeständigkeit IC Test Corrosion intercelularis OK			Abnahmetestbericht Authorized Inspection Representative Inspector de Qualidade 396			<input checked="" type="checkbox"/> Maßkontrolle Dimensional inspection Inspeção dimensional		ASTM E112 Korngröße Grain size Tamanho de grão 9									Annealed Quenched 1900 °F (1050 °C) (water quenched)			<input checked="" type="checkbox"/> Verwechslungsprüfung Test of Identity Teste de identificação		Makroskopische Untersuchung Macrographic test Material free from segregation defects.			<input checked="" type="checkbox"/> OK			Vasco Fernira (Ω . VF)																																							
Visuelle Kontrolle Visual inspection Inspeção visual		ASTM E10			ASTM A262 Practice E			Wärmebehandlung Heat treatment Tratamento térmico																																																																																	
<input checked="" type="checkbox"/> Ok		Härte Hardness Dureza [HB]			Korrosionsbeständigkeit IC Test Corrosion intercelularis OK			Abnahmetestbericht Authorized Inspection Representative Inspector de Qualidade 396																																																																																	
<input checked="" type="checkbox"/> Maßkontrolle Dimensional inspection Inspeção dimensional		ASTM E112 Korngröße Grain size Tamanho de grão 9									Annealed Quenched 1900 °F (1050 °C) (water quenched)																																																																														
<input checked="" type="checkbox"/> Verwechslungsprüfung Test of Identity Teste de identificação		Makroskopische Untersuchung Macrographic test Material free from segregation defects.			<input checked="" type="checkbox"/> OK			Vasco Fernira (Ω . VF)																																																																																	
<p>Bemerkungen / Remarks / Observações Country of origin: Portugal, No weld repair done. Material is free of mercury and radiation contamination.</p>																																																																																									
<p>Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht. We confirm that this material meets the specification according the mentioned standards. Confirmamos que este material respeita as especificações de acordo com as normas referidas.</p>																																																																																									

200
000
000
000

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS PLATE
(NOTE: AISI 303 NOT ACCEPTABLE)

ESTM 1236 08 ESTM 1240

M304B T.TTT X WWW|
THICK | WIDTH

WHERE "TTT" = THICKNESS IN INCHES
AND "WWW" = WIDTH IN INCHES

FIG. 0.5" X 3.0" BAR = M304B0 500X03.000
FIG. 0.5" X 1.2" PLATE = T4A204B0 500X12.000

EG. 0.5" x 3.0" BAR = M304B0 500X03.000
 EG. 0.5" x 12.0" BAR = M420A0 500X12.000

PURCHASE MATE
SPECIFICATION

PART NUMBER:

THEORY

WHERE "T.TTT" = THICKNESS IN INCHES
AND "W.WWW" = WIDTH IN INCHES

FIG. 0.5" X 3.0" BAR = M304B0 500X03.000
FIG. 0.5" X 1.2" PLATE = T4A204B0 500X12.000

三

RELEASER
2010-11-30

DART AEROSPACE LTD		HAWKESBURY, ONTARIO, CANADA	REV. C
		SHEET 1 OF 1	NTS
DRAWN	DRAWN NO.		SCALE
CHECKED	M304B		
MFG. APPR.			
APPROVED			
DE APRR.			
		TITLE	304/316 BARIPLATE
		DATE	10.11.25

卷之三

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304B0.250 x 0.500
 DATE: 18/08/31

PO / BATCH NO.: P0040743/S107464

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 219.60ft
 QUANTITY INSPECTED: 219.60ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.250"
 THICKNESS RECEIVED: 0.250"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	ASTM A276
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	H7:67736108
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AJ</u>	SIGNED OFF BY: _____
DATE: <u>18/08/31</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

NUCOR STEEL
4537 S. NUCOR ROAD; CRAWFORDSVILLE, IN 47933

REPORT OF TESTS

ATTN:	DATE: 1/20/15
FAX:	
SOLD TO:	JSTOMER ORDER # 081414MC
SIZE: 0.500" by 36" steel sheet	PRODUCT: HRPO light oil FINE GRAIN AIRCRAFT QUALITY 4130 AMS 6345 Rev C ASTM-A 506 ASTM-A-635 AMS 2301 Rev J [successor to MIL-S-18729 COND N.] NORMALIZED OR OTHERWISE HEAT TREATED

AMS 6345

COIL #	HEAT #	YIELD	TENSILE	ELONG
V961550	248571-06	81.5 ksi	115 ksi	20%

TEST	RESULT
*Average austenite grain size	#8
Decarburization (P/F)	Pass
*Bend Test (P/F)	Pass
*Response to Heat Treatment (P/F)	45 HRC
*AMS 2301 Quality Freq/Sev (P/F)	0/0

*These tests performed by outside lab, ISO 17025 certified.

HEAT #	C	Mn	P	S	Al	Si	N	Cr	Ni	Cu	Mo
248571	0.287	0.55	0.006	0.000	0.028	0.208	0.007	0.860	0.017	0.043	0.165

WE HEREBY CERTIFY THE ABOVE
IS CORRECT AS CONTAINED IN
THE RECORDS OF THE CORPORATION.

Melted and Manufactured in the USA

QF-0200, 10/17/05



Cold Mill Metallurgist

PURCHASE MATERIAL: AISI 4130N STEEL BAR PER MIL-S-6758 OR AMS 6345/6348/6370/6528

PART NUMBER: M4130N-B | T.TTT | X | WW.WWW | WHERE T.TTT = THICKNESS (IN INCHES)
THICK | WIDTH | WW.WWW = WIDTH (IN INCHES)

EG. 0.5" X 3.0" BAR = M4130N-B0.500X03.000

RELEASER
08.07.09/MF

B	ADD AMS 6345		PH	08.05.05
A	NEW ISSUE		DS	01.06.08
REV.	DESCRIPTION		BY	DATE
DESIGN	<i>IP</i>	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	<i>IP</i>	DRAWING NO.	M4130N-B	REV. B SHEET 1 OF 1
CHECKED	<i>IP</i>	TITLE	4130 BAR	SCALE NTS
MFG. APPR.	<i>N/A</i>	COPYRIGHT © 2001 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD		
APPROVED	<i>IP</i>			
DE APPR.	<i>IP</i>			
DATE	08.05.05			

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M4130N80-500x03.000

PO / BATCH NO.: P0040743/S107465

DATE: 18/08/31

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 46.667 ft
 QUANTITY INSPECTED: 46.667 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500"
 THICKNESS RECEIVED: 0.500"
 SHEET SIZE ORDERED: —
 SHEET SIZE RECEIVED: —

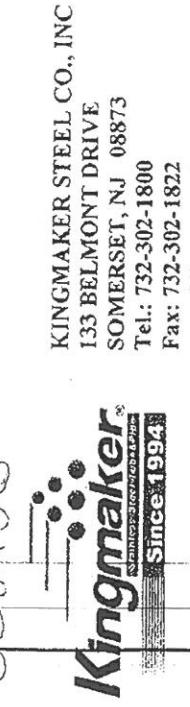
DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>AMS 6345</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>UT: 1961550</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>A</u>	SIGNED OFF BY: _____
DATE: <u>18/08/31</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Material Certification

KINGMAKER STEEL CO., INC
133 BELMONT DRIVE
SOMERSET, NJ 08873
Tel.: 732-302-1800
Fax: 732-302-1822

SOLD TO
SHIP TO
www.KingmakerSteel.com

ISO 9001:2015
ISO 14001:2004
EN 10204/3.1B

Order #	202075-001
Po#	P010564
Date	7/11/2018
Page	1 of 1

Item No.	Description (Form, Size, Finish)	Spec Grade (ASTM)	Finish	Country of Origin	Heat No.	C	Si	Mn	P	S	Cr	Ni	Mo	N	Cu	Chemical Composition (%)				Mechanical Properties			
																Yield (N/mm²)	Elongation (%)	Hardness HRB	Flattening Test	Hydrostatic Test (Mpa)	Eddy Current		
1	SQ. 3/4" X 0.049" W X 2' G NF	A554-16	304/L	MF	9H85	.015	.430	.110	.035	.003	18.21	8.07			698.00	352.00	46.00	89.50					

Specifications: ASTM A554 = Stainless Steel T1.G. Welded Tubing

ASTM A269 = Stainless Steel T1.G. Welded Tubing

ASTM A312 = Stainless Steel T1.G. Welded Pipe

ASTM A240/A480 = Stainless Steel S1E Flat Bars[®]

Country Code USA = United States
TWN = Taiwan
VNM = Vietnam

Finish MF = Mill Finish
##G = ##G Polished
A&P = Annealed and Pickled

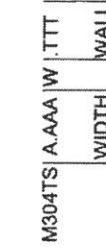
WE HEREBY CERTIFY THAT TO THE BEST OF OUR KNOWLEDGE, THE MATERIAL LISTED ABOVE HAS BEEN MANUFACTURED IN ACCORDANCE WITH AND MEET THE ABOVE APPLICABLE SPECIFICATIONS AND GRADES, AND ALSO THAT THE MATERIAL WAS PRODUCED IN A MERCURY FREE ENVIRONMENT. THE CHEMICAL COMPOSITIONS OF THE MATERIAL ARE INACCURDANCE WITH ASTM A276 AND ASTM A479 - CHEMISTRY ONLY.
FLAT BARS CONFORM TO ASTM A276 AND ASTM A479 - CHEMISTRY ONLY.

D

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

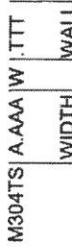
FINISH:
OR
ASTM A553 MILL FINISH
ASTM A286 MILL FINISH

FINISH:



WHERE:
A.AAA = WIDTH IN INCHES
.TTT = WALL THICKNESS IN INCHES

PART NUMBER:



PART NUMBER:

EG. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

RELEASED
2014-05-26
[Signature]

D			
"SEAMLESS" REMOVED FROM PURCHASE MATERIAL. SPECIFICATION (SEE NCR 14-3816)			
D	"SEAMLESS" ADDED TO PURCHASE MATERIAL.	DB	14-05-20
C	ASTM A286 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING	AJS	09-10-16
B	DRAWING MOVED TO "B" SIZE BORDER FINISH ADDED (SEE NCR 08-045 FOR DETAILS).	AJS	08-08-28
A	NEW ISSUE	DS	01-06-08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	DB		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. D
MFG. APPR.	<i>[Signature]</i>	M304TS	SHEET 1 OF 1
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	304/316 SQUARE TUBING	NONE
DATE	14-05-20	COPYRIGHT © 2001 DART AEROSPACE LTD. THIS DRAWING IS THE PROPERTY OF DART AEROSPACE LTD. IT IS TO BE USED FOR THE PURPOSES FOR WHICH IT WAS ISSUED AND NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE OR PROVIDED TO ANY OTHER PERSON WITHOUT THE WRITTEN CONSENT OF DART AEROSPACE LTD.	

A	DART AEROSPACE LTD	HAWKESBURY, ONTARIO, CANADA
D		
C		
B		
8	7	6
9	10	11
10	11	12
11	12	13
12	13	14
13	14	15
14	15	16
15	16	17
16	17	18
17	18	19
18	19	20
19	20	21
20	21	22
21	22	23
22	23	24
23	24	25
24	25	26
25	26	27
26	27	28
27	28	29
28	29	30
29	30	31
30	31	32
31	32	33
32	33	34
33	34	35
34	35	36
35	36	37
36	37	38
37	38	39
38	39	40
39	40	41
40	41	42
41	42	43
42	43	44
43	44	45
44	45	46
45	46	47
46	47	48
47	48	49
48	49	50
49	50	51
50	51	52
51	52	53
52	53	54
53	54	55
54	55	56
55	56	57
56	57	58
57	58	59
58	59	60
59	60	61
60	61	62
61	62	63
62	63	64
63	64	65
64	65	66
65	66	67
66	67	68
67	68	69
68	69	70
69	70	71
70	71	72
71	72	73
72	73	74
73	74	75
74	75	76
75	76	77
76	77	78
77	78	79
78	79	80
79	80	81
80	81	82
81	82	83
82	83	84
83	84	85
84	85	86
85	86	87
86	87	88
87	88	89
88	89	90
89	90	91
90	91	92
91	92	93
92	93	94
93	94	95
94	95	96
95	96	97
96	97	98
97	98	99
98	99	100
99	100	101
100	101	102
101	102	103
102	103	104
103	104	105
104	105	106
105	106	107
106	107	108
107	108	109
108	109	110
109	110	111
110	111	112
111	112	113
112	113	114
113	114	115
114	115	116
115	116	117
116	117	118
117	118	119
118	119	120
119	120	121
120	121	122
121	122	123
122	123	124
123	124	125
124	125	126
125	126	127
126	127	128
127	128	129
128	129	130
129	130	131
130	131	132
131	132	133
132	133	134
133	134	135
134	135	136
135	136	137
136	137	138
137	138	139
138	139	140
139	140	141
140	141	142
141	142	143
142	143	144
143	144	145
144	145	146
145	146	147
146	147	148
147	148	149
148	149	150
149	150	151
150	151	152
151	152	153
152	153	154
153	154	155
154	155	156
155	156	157
156	157	158
157	158	159
158	159	160
159	160	161
160	161	162
161	162	163
162	163	164
163	164	165
164	165	166
165	166	167
166	167	168
167	168	169
168	169	170
169	170	171
170	171	172
171	172	173
172	173	174
173	174	175
174	175	176
175	176	177
176	177	178
177	178	179
178	179	180
179	180	181
180	181	182
181	182	183
182	183	184
183	184	185
184	185	186
185	186	187
186	187	188
187	188	189
188	189	190
189	190	191
190	191	192
191	192	193
192	193	194
193	194	195
194	195	196
195	196	197
196	197	198
197	198	199
198	199	200
199	200	201
200	201	202
201	202	203
202	203	204
203	204	205
204	205	206
205	206	207
206	207	208
207	208	209
208	209	210
209	210	211
210	211	212
211	212	213
212	213	214
213	214	215
214	215	216
215	216	217
216	217	218
217	218	219
218	219	220
219	220	221
220	221	222
221	222	223
222	223	224
223	224	225
224	225	226
225	226	227
226	227	228
227	228	229
228	229	230
229	230	231
230	231	232
231	232	233
232	233	234
233	234	235
234	235	236
235	236	237
236	237	238
237	238	239
238	239	240
239	240	241
240	241	242
241	242	243
242	243	244
243	244	245
244	245	246
245	246	247
246	247	248
247	248	249
248	249	250
249	250	251
250	251	252
251	252	253
252	253	254
253	254	255
254	255	256
255	256	257
256	257	258
257	258	259
258	259	260
259	260	261
260	261	262
261	262	263
262	263	264
263	264	265
264	265	266
265	266	267
266	267	268
267	268	269
268	269	270
269	270	271
270	271	272
271	272	273
272	273	274
273	274	275
274	275	276
275	276	277
276	277	278
277	278	279
278	279	280
279	280	281
280	281	282
281	282	283
282	283	284
283	284	285
284	285	286
285	286	287
286	287	288
287	288	289
288	289	290
289	290	291
290	291	292
291	292	293
292	293	294
293	294	295
294	295	296
295	296	297
296	297	298
297	298	299
298	299	300
299	300	301
300	301	302
301	302	303
302	303	304
303	304	305
304	305	306
305	306	307
306	307	308
307	308	309
308	309	310
309	310	311
310	311	312
311	312	313
312	313	314
313	314	315
314	315	316
315	316	317
316	317	318
317	318	319
318	319	320
319	320	321
320	321	322
321	322	323
322	323	324
323	324	325
324	325	326
325	326	327
326	327	328
327	328	329
328	329	330
329	330	331
330	331	332
331	332	333
332	333	334
333	334	335
334	335	336
335	336	337
336	337	338
337	338	339
338	339	340
339	340	341
340	341	342
341	342	343
342	343	344
343	344	345
344	345	346
345	346	347
346	347	348
347	348	349
348	349	350
349	350	351
350	351	352
351	352	353
352	353	354
353	354	355
354	355	356
355	356	

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304750-750W049
 DATE: 18/08/31

PO / BATCH NO.: P0040793/5107466

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 600 ft
 QUANTITY INSPECTED: 600 ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>ASIM A554</u>
CORRECT THICKNESS	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	<u>HT: 94855</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/31</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



VINLONG STAINLESS STEEL (VIETNAM) CO., LTD.
Lot 61C, 131C1, 131D, Long Giang IP, Tan Lap 1 Commune, Tan Phuoc District, Bien Hoa City, Vietnam
Tel: (+84 273) 364 2555
Fax: (+84 273) 364 2557
E-mail: jerry@vinlonginox.vn; cs@vinlonginox.vn
http://www.vinlonginox.vn

MATERIAL TEST CERTIFICATE

Product Name	ASTM A530			Customer	Net Weight (KG)	Batch (KG/ST)	Material (GRITTO)	GLOBAL STAINLESS STEEL INC.						PT No.	CS-VN 003	Certificate No.	87/18-GS03-8	
	Size (MM)	Thickness (MM)	Size (INCH)					(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)	(MM)	(INCH)			
1. VLS03101	0.625	15.88	18	0.049	1.16	1,800	29480	180		0.059	0.407	1.27	0.037	0.013	8.35	18.67	/	
2. VLS03102	0.75	19.05	16	0.065	1.51	1,000	19460	MF		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
3. VLS03102	0.75	19.05	16	0.065	1.51	3,600	71420	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
4. VLS03101	0.875	22.73	18	0.049	1.16	2,340	444120	MF		0.059	0.407	1.27	0.037	0.003	8.35	18.67	/	
5. VLS03101	0.875	22.73	18	0.049	1.16	2,400	45120	180		0.059	0.407	1.27	0.037	0.003	8.35	18.67	/	
6. VLS03101	1.00	25.4	18	0.049	1.16	3,720	82380	MF		0.059	0.407	1.27	0.037	0.003	8.35	18.67	/	
7. VLS03101	1.00	25.4	18	0.049	1.16	3,200	67120	180		0.059	0.407	1.27	0.037	0.003	8.35	18.67	/	
8. VLS03102	1.125	28.60	16	0.065	1.51	820	25760	MF		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
9. VLS03102	1.125	28.60	16	0.065	1.51	2,000	624820	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
10. VLS03103	1.5	30.1	11	0.120	2.75	1,860	1,40650	HF	304	0.056	0.405	1.26	0.038	0.003	8.37	18.65	/	
11. VLS03102	2	50.8	16	0.065	1.51	4,400	2,49100	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
12. VLS03103	2	50.8	11	0.120	2.75	2,000	2,027440	MF		0.056	0.405	1.26	0.038	0.003	8.37	18.65	/	
13. VLS03102	2.5	63.5	16	0.065	1.51	4,320	3,05640	MF		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
14. VLS03102	3	76.2	16	0.065	1.51	20,400	17,12930	MF		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
15. VLS03102	0.5	12.7	16	0.065	1.51	2,760	468160	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	VNL-C	
16. VLS03102	0.625	15.88	16	0.065	1.51	3,540	74620	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	H+C	
17. VLS03102	0.75	19.05	16	0.065	1.51	3,240	84620	180		0.050	0.396	1.04	0.030	0.005	8.08	18.24	/	
18. VLS03103	1	25.4	25.4	11	0.120	2.75	1,500	919120	MF		0.056	0.405	1.26	0.038	0.003	8.37	18.65	/
19. VLS03103	1.25	31.75	11	0.120	2.75	2,760	2,14740	180		0.056	0.405	1.26	0.038	0.003	8.37	18.65	/	
20. VLS03103	1.5	38.1	11	0.120	2.75	1,780	1,67140	MF		0.056	0.405	1.26	0.038	0.003	8.37	18.65	/	
Mechanical Test																		
NO.	T5 (Km)	Elongation (%)	Y.S (Rp0.2) N/mm²															
1.	650	56	258															
2.	674	53	310															
3.	674	53	310															
4.	650	56	258															
5.	650	56	258															
6.	650	56	258															
7.	650	56	258															
8.	674	53	310															
9.	574	53	310															
10.	652	56	258															

No.	Mechanical Test		Solution Annealing		Method OF Cooling	Method OF Hardening	Hydrostatic Test		Intergranular Corrosion Test	Surface Quality	Wall Thickness Tolerance	Dimensions Tolerance
	T.S (Kgs) N/mm²	Elongation (%) Y.S (kg) 0.2%N/mm²	Hardness (HRB)	Temperature			Test	Test				
11	674	53	310	86	/	/	/	/	/	GOOD		GOOD
12	652	56	258	86	/	/	/	/	/	GOOD		GOOD
13	674	53	310	86	/	/	/	/	/	GOOD		GOOD
14	674	53	310	86	/	/	/	/	/	GOOD		GOOD
15	674	53	310	86	/	/	/	/	/	GOOD	2-10%, 5+10%	GOOD
16	674	53	310	86	/	/	/	/	/	GOOD		GOOD
17	674	53	310	86	/	/	/	/	/	GOOD		GOOD
18	652	56	258	86	/	/	/	/	/	GOOD		GOOD
19	652	56	258	86	/	/	/	/	/	GOOD		GOOD
20	652	56	258	86	/	/	/	/	/	GOOD		GOOD

Remarks:

1. Through inspection and test the quality of those products conform to the stipulation of related contract and standard.

2. If there have any query, please clarify via phone call, fax or email, indicating the certificate number.
 3. We have been certificates to ISO 9001:2015 Quality Assurance System.

Stamp of Department	QC
Copy Are Invalid	1
Date: 05-06-2018	1
1 INDEX	1
3.0C	1

Design: Quality Assurance Engineer:

PURCHASE MATERIAL: AISI 304/316 STAINLESS STEEL SQUARE TUBING

FINISH:
OR
ASTM A553 MILL FINISH
ASTM A289 MILL FINISH

WHERE:
A.AAA = WIDTH IN INCHES
.TTT = WALL THICKNESS IN INCHES

PART NUMBER:
M304TS | A.AAA | W | .TTT |
| WIDTH | | WALL |

PART NUMBER:
E.G. 0.75" X 0.75" X 0.049 WALL = M304TS0.750W.049

RELEASED
2014-05-26
[Signature]

REV.	DESCRIPTION	BY	DATE
D	"SEAMLESS REMOVED FROM PURCHASE MATERIAL SPECIFICATION (SEE NCR14-3816)	DB	14.06.20
C	"SEAMLESS" ADDED TO PURCHASE MATERIAL. ASTM A289 ADDED TO FINISH. REASON: SPEC ADDED FOR 1/2" TUBING	AJS	09.10.16
B	DRAWING MOVED TO "B" SIZE BORDER. FINISH ADDED (SEE NCR 08-045 FOR DETAILS).	AJS	08.08.28
A	NEW ISSUE	DS	01.06.08

DESIGN	DS	DART AEROSPACE LTD		
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	REV. D	
CHECKED	<i>[Signature]</i>	DRAWING NO. M304TS	SHEET 1 OF 1	
MFG. APPR.		TITLE 304/316 SQUARE TUBING	SCALE NONE	
APPROVED		DATE 14.05.20	RIGHT © 2001 BY DART AEROSPACE LTD THE DRAWINGS ARE THE PROPERTY OF DART AEROSPACE LTD. NOT TO BE COPIED OR USED BY ANYONE ELSE WITHOUT THE WRITTEN CONSENT OF DART AEROSPACE LTD.	
DE APPR.				

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304150.750W.065
 DATE: 18/08/31

PO / BATCH NO.: P0040793/S107467

MATERIAL CERT REC'D: Yes
 QUANTITY RECEIVED: 600ft
 QUANTITY INSPECTED: 600ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.750"
 THICKNESS RECEIVED: 0.750"
 SHEET SIZE ORDERED: -
 SHEET SIZE RECEIVED: -

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORROSION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>ASTM A554</i>
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
PHOTO REQUIRED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<i>IT: VLGS03102</i>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	WEBSTER

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>AT</u>	SIGNED OFF BY: _____
DATE: <u>18/08/31</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in